APPENDIX N.
VISUAL CONTRAST RATING WORKSHEET

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work) 05.13.2008	
District Kanab Field Office	
Resource Area	
Activity (program) Division of Lands and Minerals	

SECTION A. PROJECT INFORMATION

1. Project Name Alton Coal EIS	4. Location UTM - 12 S 0369399 4144477	5. Location Sketch See attached photo
2. Key Observation Point #1 Town of Alton, east side, looking south		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Gently rolling hills throughout north south trending valley. Somewhat jagged low rising mountain ranges in the BG.	Distinct stands of rounded juniper interspersed with taller pinyon and low rounded sagebrush and grasses in MG and BG. Tall conical fir trees on mountains to the west.	Bucolic setting. Rectangular geometric structures in town of Alton. Low, flat agricultural fields in FG.
LINE	Hills throughout valley form gentle undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Long angular lines of juniper post barbed wire fences. Geometrical lines of agricultural fields in FG.
COLOR	Area is currently covered in vegetation. Some dull grays and tans visible on mountains in the BG.	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Reflective silver irrigation lines. Buildings and homes are metal, white, tan and earth tones. Vibrant bright green fields in FG.
TEX-TURE	Mountains in BG medium to coarse.	Dense stands of juniper and sage. Medium stands of fir.	Structures are smooth in BG, rougher in the FG. Smooth fields in FG.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators. Flat, rectangular entrance sign to tract would be visible from this point.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side) 3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
ELEMENT	Form	X					X				X			
	Line	X					X					X		
	Color		X					X				X		
	Texture		X					X				X		

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

Looking Southwest down KFO Route 116.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.13.2008 – 12:22

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name
Alton Coal EIS

2. Key Observation Point
#2 Town of Alton, south end of main street, looking south

3. VRM Class
IV

4. Location

UTM -
12 S 0368817
4144280

5. Location Sketch
See attached photo

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Gently rolling hills throughout north south trending valley. Somewhat jagged low rising mountain ranges in MG to the west.	Distinct stands of rounded juniper interspersed with taller pinyon and low rounded sagebrush and grasses in MG and BG. Tall conical fir trees on mountains to the west.	Bucolic setting. Rectangular geometric structures in town of Alton. Low, flat agricultural fields in FG.
LINE	Hills throughout valley form gentle undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Angular lines of juniper post barbed wire fences. Lines of irrigation set-up on a diagonal with large round wheels. Geometrical lines of agricultural fields in FG. Tall vertical trees associated with homes in town.
COLOR	Area is currently covered in vegetation. Some dull grays and tans visible on mountains in the BG.	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Reflective silver irrigation lines. Buildings and homes are metal, white, tan and earth tones. Vibrant bright green fields in FG.
TEX-TURE	Mountains in BG medium to coarse.	Dense stands of juniper and sage. Medium stands of fir.	Structures are smooth in BG, rougher in the FG. Smooth fields in FG.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? __X_ Yes __ No (Explain on reverse side) 3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
ELEMENT	Form	X				X				X				
	Line	X					X				X			
	Color	X					X				X			
	Texture		X				X				X			

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

Looking south from community of Alton.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.13.2008 – 12:360

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name
Alton Coal EIS

2. Key Observation Point
#3 Town of Alton, North end of main street, looking south

3. VRM Class
IV

4. Location

UTM -
12 S 0368843
4145062

5. Location Sketch

See attached photo

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Gently rolling hills throughout north south trending valley. Sheer sandstone cliff face visible to the east. Somewhat jagged low rising mountain ranges in the BG.	Distinct stands of rounded juniper interspersed with taller pinyon and low rounded sagebrush and grasses in MG and BG. Tall conical fir trees on mountains to the west.	Bucolic setting. Rectangular geometric structures in town of Alton. Mix of new and old homes.
LINE	Hills throughout valley form gentle undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Tall complex trees surrounding homes. Long angular lines of juniper post barbed wire fences. Banded line of road through town. Geometrical lines of agricultural fields in FG.
COLOR	Area is currently covered in vegetation. Some dull grays and tans visible on mountains in the BG where dirt roadways cross terrain.	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Reflective black asphalt road through center of town. Reflective metal roofs. Buildings and homes are metal, white, tan and earth tones. Vibrant bright green fields in FG.
TEX-TURE	Mountains in BG medium to coarse.	Dense stands of juniper and sage. Medium stands of fir.	Structures are smooth in BG, rougher in the FG. Smooth road, rooftops in FG.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
ELEMENT	Form	X					X					X		Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
	Line	X					X					X		
	Color		X					X				X		
	Texture		X					X				X		

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

Looking southeast from north end of Alton.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.12.2008 – 1:15

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name
Alton Coal EIS

2. Key Observation Point
#4 From KFO Route 116, looking west and north

3. VRM Class
IV

4. Location

UTM -
12 S 0371206
4138776

5. Location Sketch

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Broad, gently rolling hills throughout north south trending valley. Somewhat rugged low rising mountain ranges to the west in the BG.	Patchy stands of juniper interspersed with single trees and low rounded sagebrush and grasses in MG and BG.	Dirt roads cut a narrow band across rolling hills.
LINE	Undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Medium sweeping line of two track dirt road. Horizontal and Vertical lines of wood and wire strand fences.
COLOR	Much of the area is covered in vegetation. Some bright reds and tans are apparent on mountains in the BG	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Tannish gray two track dirt roads – brown and rust colored fence lines.
TEX-TURE	Mountains in BG medium to coarse.	Medium coarse stands of juniper. Dense sagebrush	Structures are smooth in BG, rougher in the FG. Smooth two track roads.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side) 3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
ELEMENT	Form	X					X				X			
	Line	X					X				X			
	Color		X					X			X			
	Texture		X				X				X			

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

From KFO Route 116, looking west and north.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.13.2008

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name	4. Location	5. Location Sketch
Alton Coal EIS	UTM - 12 S 0369897 4142626 Elevation 6,877'	See attached photo
2. Key Observation Point #5 From KFO Route 116, looking west and north		
3. VRM Class IV		

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Broad, gently rolling hills throughout north south trending valley. Somewhat rugged low rising mountain ranges to the west in the BG.	Patchy stands of juniper interspersed with single trees and low rounded sagebrush and grasses in MG and BG.	Dirt roads cut a narrow band across rolling hills.
LINE	Undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Medium sweeping line of two track dirt road. Horizontal and Vertical lines of wood and wire strand fences.
COLOR	Much of the area is covered in vegetation. Some bright reds and tans are apparent on mountains in the BG	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Tannish gray two track dirt roads – brown and rust colored fence lines.
TEX-TURE	Mountains in BG medium to coarse.	Medium coarse stands of juniper. Dense sagebrush	Structures are smooth in BG, rougher in the FG. Smooth two track roads.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators. Sharp geometric lines of operations and maintenance facilities.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators. Square, cleared areas for equipment parking and storage.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators and buildings. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM														
1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
ELEMENT	Form	X					X			X				
	Line	X				X				X				
	Color	X					X			X				
	Texture	X					X			X				

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternatives call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

Looking northwest from KFO Route 116 within the tract.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.13.2008 7:00 am

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name
Alton Coal EIS

2. Key Observation Point
#6 From KFO Route 116 at cattle guard, looking northeast, north, and north west

3. VRM Class
IV

4. Location

UTM -
12 S 0370961
4141190
Elevation 6,946'

5. Location Sketch

See attached photo

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Broad, gently rolling hills throughout north south trending valley. Somewhat rugged low rising mountain ranges to the west in the BG.	Patchy stands of juniper interspersed with single trees and low rounded sagebrush and grasses in MG and BG.	Dirt roads cut a narrow band across rolling hills.
LINE	Undulating, sweeping horizontal lines.	Long sweeping line of trees following lines of hills. Diffuse edge of stands of juniper along hills and diagonal to surrounding mountains.	Medium sweeping line of two track dirt road. Horizontal and Vertical lines of wood and wire strand fences.
COLOR	Much of the area is covered in vegetation. Some bright reds and tans are apparent on mountains in the BG	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Tannish gray two track dirt roads – brown and rust colored fence lines.
TEX-TURE	Mountains in BG medium to coarse.	Medium coarse stands of juniper. Dense sagebrush	Structures are smooth in BG, rougher in the FG. Smooth two track roads.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal. Underground mining is proposed for FG.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.

TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side) 3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	
ELEMENT	Form	X				X				X				Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
	Line	X				X				X				
	Color		X					X			X			
	Texture		X					X				X		

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

From KFO Route 116 at cattle guard, looking northeast, north, and north west.

Form 8400-4
(September 1985)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

VISUAL CONTRAST RATING WORKSHEET

Date (of field work)
05.13.2008 8:17 am

District
Kanab Field Office

Resource Area

Activity (program)
Division of Lands and Minerals

SECTION A. PROJECT INFORMATION

1. Project Name
Alton Coal EIS

2. Key Observation Point
#7 From KFO Route 116 at the south end of the tract looking north.

3. VRM Class
IV

4. Location

UTM -
12 S 0371658
4137465

5. Location Sketch
See attached photo

SECTION B. CHARACTERISTIC LANDSCAPE DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Large, open, natural landscape. Broad, gently rolling hills throughout north south trending valley. Somewhat rugged low rising mountain ranges to the west in the BG.	Thick, dense stands of conical shaped junipers. Wide open valley extending to the north full of low grasses mixed with rounded sagebrush.	Dirt road cut a wide band along dense trees through FG. Short vertical fence lines cutting across open valley.
LINE	Undulating, sweeping horizontal lines. Alluvial fans sweep down from mountains at an angle to the valley floor.	Long sweeping line of trees following lines of KFO Route 116. Diffuse edge of stands of juniper sweeping down hills diagonal to mountains in the west.	Medium sweeping line of two track dirt road. Horizontal and Vertical lines of wood and wire strand fences. Geometric ranch structures in the MG.
COLOR	Much of the area is covered in vegetation. Some faint reds and tans are apparent on mountains in the BG	Multiple shades of green – dull light gray/greens of shrubs and grasses to darker greens of junipers.	Tannish gray graded dirt road – brown and rust colored fence lines and structures.
TEX-TURE	Mountains in BG medium to coarse.	Medium coarse stands of juniper. Dense sagebrush	Structures are smooth in BG, rougher in the FG. Smooth graded road.

SECTION C. PROPOSED ACTIVITY DESCRIPTION

	1. LAND/WATER	2. VEGETATION	3. STRUCTURES
FORM	Most of disturbance would be in MG. Large horizontal edge of high wall and pit disturbance (removal of up to 300 feet of overburden, up to 600 foot high wall) interspersed with rolling hills. Temporary tall, conical stockpiles of topsoil. Temporary tall, conical stockpiles of coal.	Patchy stands of vegetation interspersed with pit and road disturbance.	Portable and fixed location 30 foot tall vertical light towers. Geometric Diesel power generators.
LINE	Multiple sharp, geometric lines	Sharp butt edge between vegetation and pit disturbance.	Simple sharp vertical lines, geometric, rectangular generators.
COLOR	Grays, tans, and reddish browns of exposed soils and rocks of pit and new mine roads. Darker grays, blacks of stockpiled coal.	None	Reflective metal light towers, dull metallic generators. Reddish tan service roads.
TEX-TURE	Smooth	None	Smooth

SECTION D. CONTRAST RATING _X__ SHORT TERM __ LONG TERM

1. DEGREE OF CONTRAST		FEATURES												2. Does project design meet visual resource management objectives? _X__ Yes __ No (Explain on reverse side)
		LAND/WATER BODY (1)				VE GETATION (2)				STRUCTURES (3)				3. Additional mitigating measures recommended? ___ Yes _X_ No (Explain on reverse side)
		Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Strong	Moderate	Weak	None	Evaluators Name(s) Date Steve Leslie 5.13.2008 SWCA Environmental Consultants
ELEMENT	Form	X				X				X				
	Line	X				X				X				
	Color	X					X				X			
	Texture	X					X				X			

SECTION D. (Continued)

2. VRM Class IV allows major modifications to the characteristic landscape to occur.

3. The mitigation measures included in the proposed action and alternative call for complete site reclamation including re-contouring pit disturbances, facilities, and dispersed facilities would restore the characteristic landscape to a more natural condition upon completion of mining activities.

U S GOVERNMENT PRINTING OFFICE: 1985-461-988/33094

Looking northwest from the south end of the tract on KFO Route 116.